

OPTICAL COLLIMATOR STRUCTURE

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ABSTRACT OF THE DISCLOSURE

10 An optical collimator structure comprising an
optical fiber assembly of a plurality of unitary single-
mode optical fibers each having a core, and a ferrule for
supporting the optical fiber assembly inserted partially
therein and bonded thereto, wherein the core has a graded
index optical fiber bonded to the end face thereof, the
graded index optical fiber along with the end portion of
15 the core to which the graded index optical fiber is
bonded being inserted in a hole of a capillary provided
at an end of the ferrule, and the end face of the graded
index optical fiber for emitting or receiving a beam of
light has a tilt angle relative to the optical axis of
20 the optical collimator structure.